

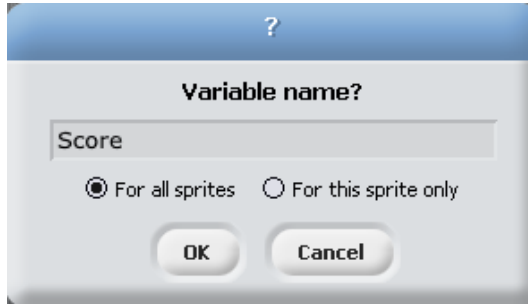
Module

User Interaction: Quizmaker - Computation

Create an interactive computation quiz.

Start by writing five math problems using the addition operator (+). For example, Q: 'What is 3 + 5?' A: 8. Use only integers (whole numbers) and the addition operator.

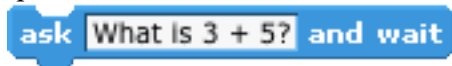
Next, create a Score variable:



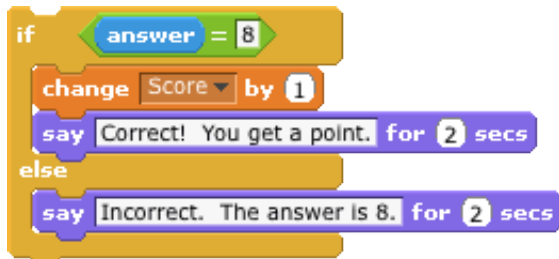
This variable will be used to keep score. After the Score variable has been created, add the following Blocks to a Sprite to start the quiz:



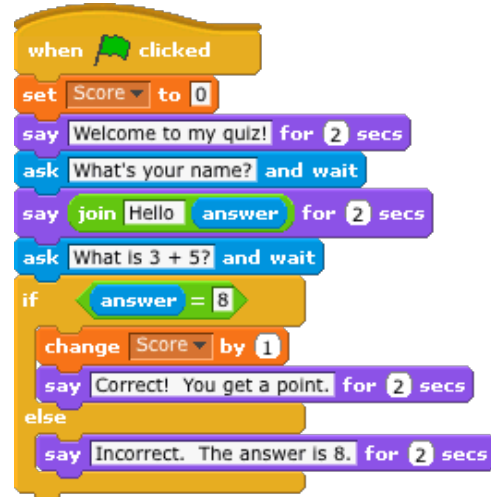
After the 'say' Block, add the following question Block:



Next we want to evaluate the answer. To do this, add the following Blocks below the 'ask' Block:

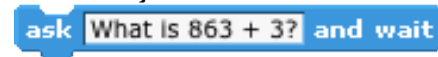


Put all these Blocks together and your Stack should look like this:

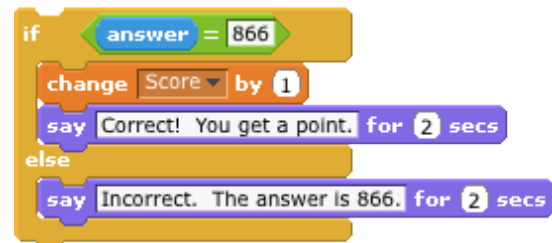


Try it out! After you've tried your quiz, go back and add the rest of your questions.

Add a 'say' Block:

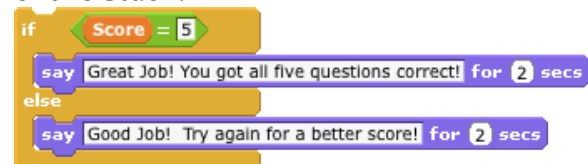


And a second 'if...else' Block:



Keep adding the 'ask' Block (with the remaining three questions) and the corresponding 'if...else' Block to evaluate the answer until you get all five questions and answers posted.

Finish by adding these Blocks to the end of the Stack:



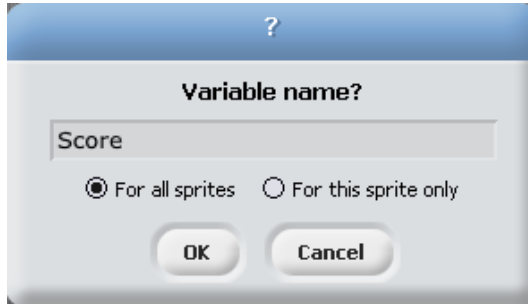
Module

User Interaction: Quizmaker

Create an interactive quiz.

Start by writing down a list of questions that have a correct answer. For example, Q: 'What is the capitol of Indiana?' A: Indianapolis. Create a list of ten questions and answers.

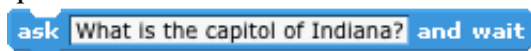
Next, create a Score variable:



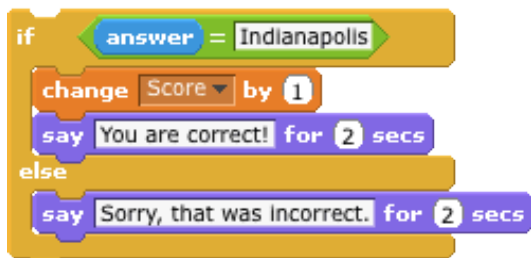
This variable will be used to keep score. After the Score variable has been created, add the following Blocks to a Sprite to start the quiz:



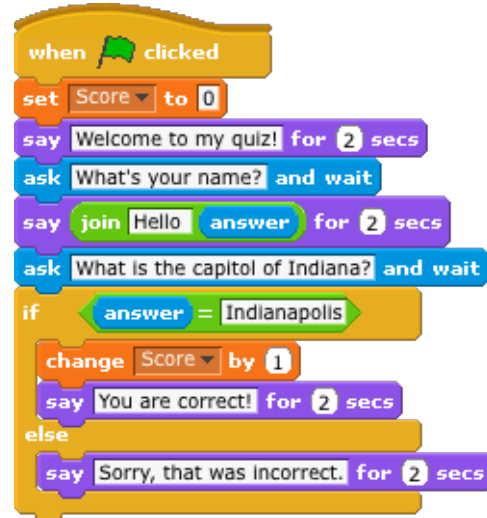
After the 'say' Block, add the following question Block:



Next we want to evaluate the answer. To do this, add the following Blocks below the 'ask' Block:



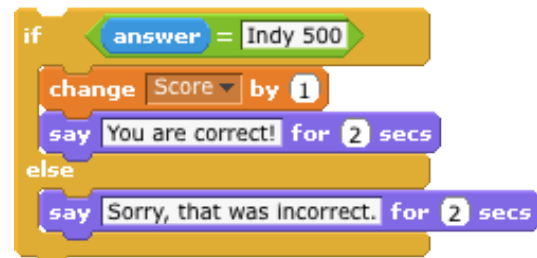
Put all these Blocks together and your Stack should look like this:



Try it out! After you've tried your project, go back and add the rest of your questions. Start by adding another question:



Then add the 'if...else' Block to evaluate the answer:



Keep adding the 'ask' Block (with each of your ten questions) and the corresponding 'if...else' Block to evaluate the answer until you get all ten questions and answers posted.

Finish by adding these Blocks:

